

United States Government

Department of Energy

memorandum

Office of River Protection

DATE: February 17, 2004
REPLY TO: 04-ORP-019 Chairman, Federal Technical Capability Panel
ATTN OF:

SUBJECT: QUARTERLY REPORT ON FEDERAL TECHNICAL CAPABILITY

TO: Distribution

This Quarterly Report on the Federal Technical Capability Program (FTCP) contains information on the status of qualifications in the Technical Qualification Program (TQP) and technical skill gaps.

Attachment 1 provides the Status of Qualifications in the TQP. The U.S. Department of Energy (DOE) goal is to exceed an 80% fully qualified rate for all personnel in the TQP. This was raised from 75% at the November 2003 FTCP meeting. Currently, the DOE qualification rate is 82.4%, up from 78.9% last quarter, and 13 of 21 offices meet the 80% qualified goal. A second goal is that there will be no personnel participating in the TQP who are overdue in their qualifications. Of the 21 Offices, 10 have overdue personnel in their TQP qualifications. DOE Headquarters Program Offices, and Site Offices that do not meet either of the DOE TQP goals will identify a 90-day goal and a projection for reaching 0 overdue and/or 80% fully qualified.

Attachment 2 provides the Status of Filling Technical Skill Gaps as of December 31, 2003. These gaps were identified in the FTCP report, "Updated Listing of Department Personnel Serving as Subject Matter Experts for Safety System Oversight," dated September 30, 2003. The report identified a total of 13.48 Full Time Equivalent (FTE) gap positions that are needed to provide necessary and sufficient oversight of contractor safety systems. The current gap is 7.4 FTEs. Sites are encouraged to continue to reduce the gaps.

Attachment 3 provides visual portrayals of the status of qualification and technical skill gaps in the TQP and identifies qualification program trends.

If you have any questions or comments, please contact me or your staff may contact Theodore A. Wyka, (202) 586-3519.



Roy J. Schepens, Chairman
Federal Technical Capability Panel

Attachments (3):

1. Status of Qualifications in the TQP
2. Status of Filling Technical Skill Gaps
3. Status Information Slides

cc w/attachs:

Administrator, NNSA

Under Secretary for Energy, Science and
Environment

FTCP Agents

S. J. Coleman, INNOV

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04-ORP-019

-3-

February 17, 2004

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RECORD NOTE: Ted Wyka, DNFSB Representatives Office, will distribute this memorandum to the Distribution List.

Status of Qualifications in the Technical Qualification Program (TQP)

December 31, 2003

Update Frequency: Quarterly

Office		Number of People in the TQP	Number Fully Qualified	Number Overdue	Percent Fully Qualified	80%	Comments
<u>National Nuclear Security Administration (NNSA)</u>							
Kansas City Site Office	KCSO	30	22	0	73%		No projection for 80%
Los Alamos Site Office	LASO	48	35	5	73%		Projects 80% by June 2004
Livermore Site Office	LSO	32	21	2	66%		Projects 80% by October 2004
Nevada Site Office	NSO	84	70	1	83%	●	
Pantex Site Office	PXSO	43	36	1	84%	●	Projects 80% by September 2004
Savannah River Site Office	SRSO	17	17	0	100%	●	
Sandia Site Office	SSO	27	6	3	22%		Projects 44% by March 2004
Y-12 Site Office	YSO	59	50	0	85%	●	
NNSA Headquarters	NA-HQ	78	50	25	64%		In the process of rebaselining
NNSA Service Center	NA-SC	54	25	17	46%		Projects 80% by June 2005
NNSA Totals		472	332	54	70.3%		
<u>Environmental Management (EM)</u>							
Carlsbad Field Office	CB	10	9	0	90%	●	
Ohio Field Office	OH	66	66	0	100%	●	
Office of River Protection	ORP	86	78	0	91%	●	
Richland Operations Office	RL	120	116	0	97%	●	
Savannah River Ops. Office	SR	205	153	2	75%		Projects 80% by December 2004
EM Headquarters	EM-HQ	11	9	0	82%	●	
EM Totals		498	431	2	86.5%	●	
<u>Others</u>							
Chicago Operations Office	CH (SC)	18	17	0	94%	●	
Idaho Operations Office	ID (NE)	113	101	1	89%	●	
Oak Ridge Operations Office	OR (SC)	187	169	0	90%	●	
Environment, Safety & Health	EH-HQ	65	65	0	100%	●	
Others Totals		383	352	1	91.9%		
DOE Total		1353	1115	57	82.4%		
DOE Goals		-	-	0	80%		

Status of Filling Technical Skill Gaps

December 31, 2003

Update Frequency: Quarterly

	SKILL GAPS IN EACH TECHNICAL AREA (Numbers Represent FTEs)															
OFFICE	Mechanical Engineer		Electrical Engineer		Instrumentation & Control		Criticality Safety		Fire Protection		Civil, Structural Engineer & Natural Phenomena		Radiation Protection		TOTAL GAPS	
<u>NNSA Offices</u>	<u>Baseline</u>	<u>Current</u>	<u>Baseline</u>	<u>Current</u>	<u>Baseline</u>	<u>Current</u>	<u>Baseline</u>	<u>Current</u>	<u>Baseline</u>	<u>Current</u>	<u>Baseline</u>	<u>Current</u>	<u>Baseline</u>	<u>Current</u>	<u>Baseline</u>	<u>Current</u>
LASO	1.5	1.5	1	1	1	1							1	1	4.5	4.5
PXSO									1	1					1	1
SSO					0.9	0.9									0.9	0.9
YSO													0	1	0	1
<u>EM Offices</u>																
None																
DOE Totals	1.5	1.5	1	1	1.9	1.9	0	0	1	1	0	0	1	2	6.4	7.4

"Baseline" column represents gaps reported to the DNFSB in the September 30, 2003 letter, from R.J. Schepens to J.T. Conway.

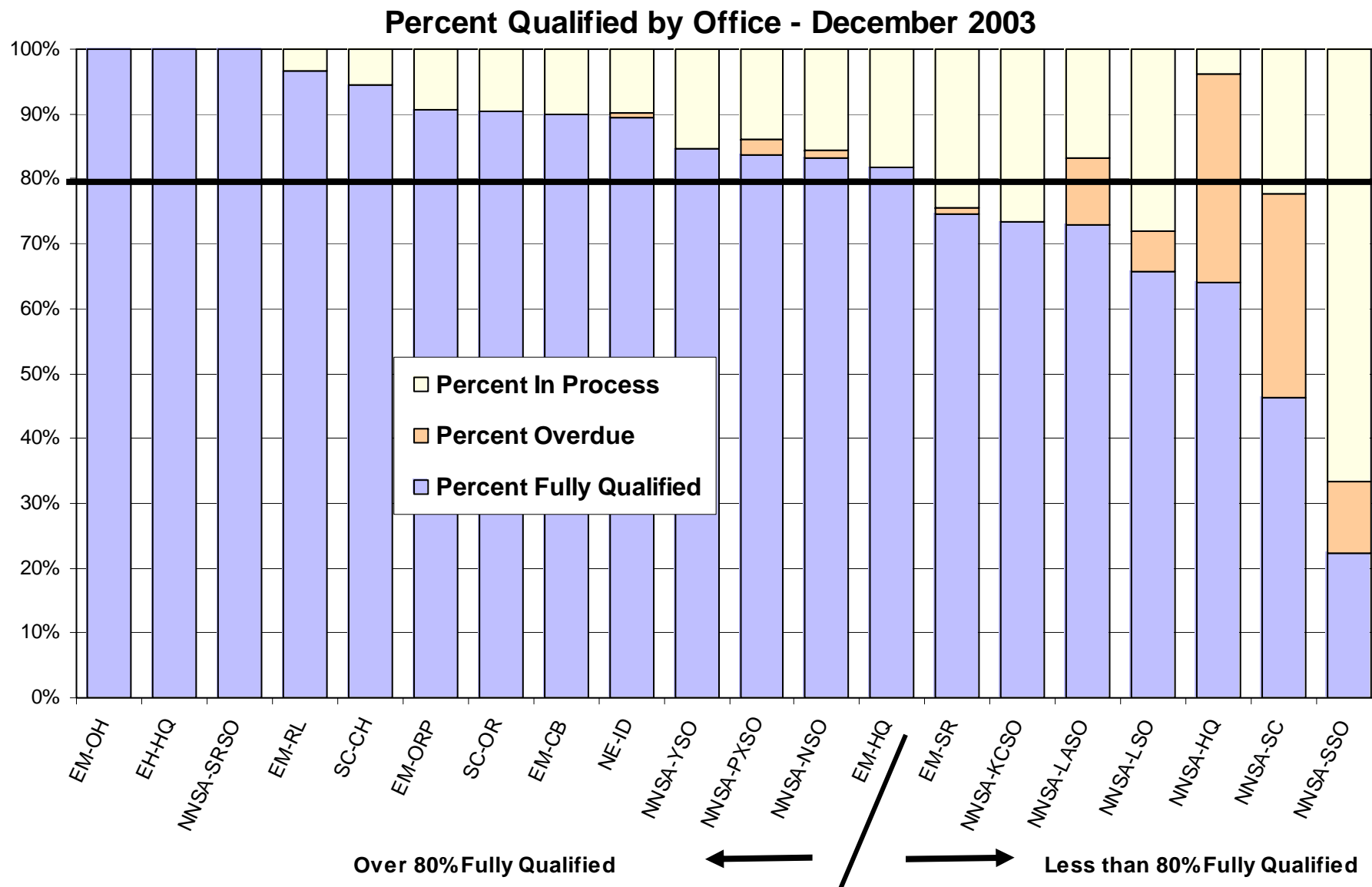
Notes/Status:

LASO: LASO has a gap of 4.5 FTEs. LASO skill gaps will be filled through four sources: NNSA Service Center SMEs, LASO SMEs, LASO Facility Representatives, and LASO support contractors.

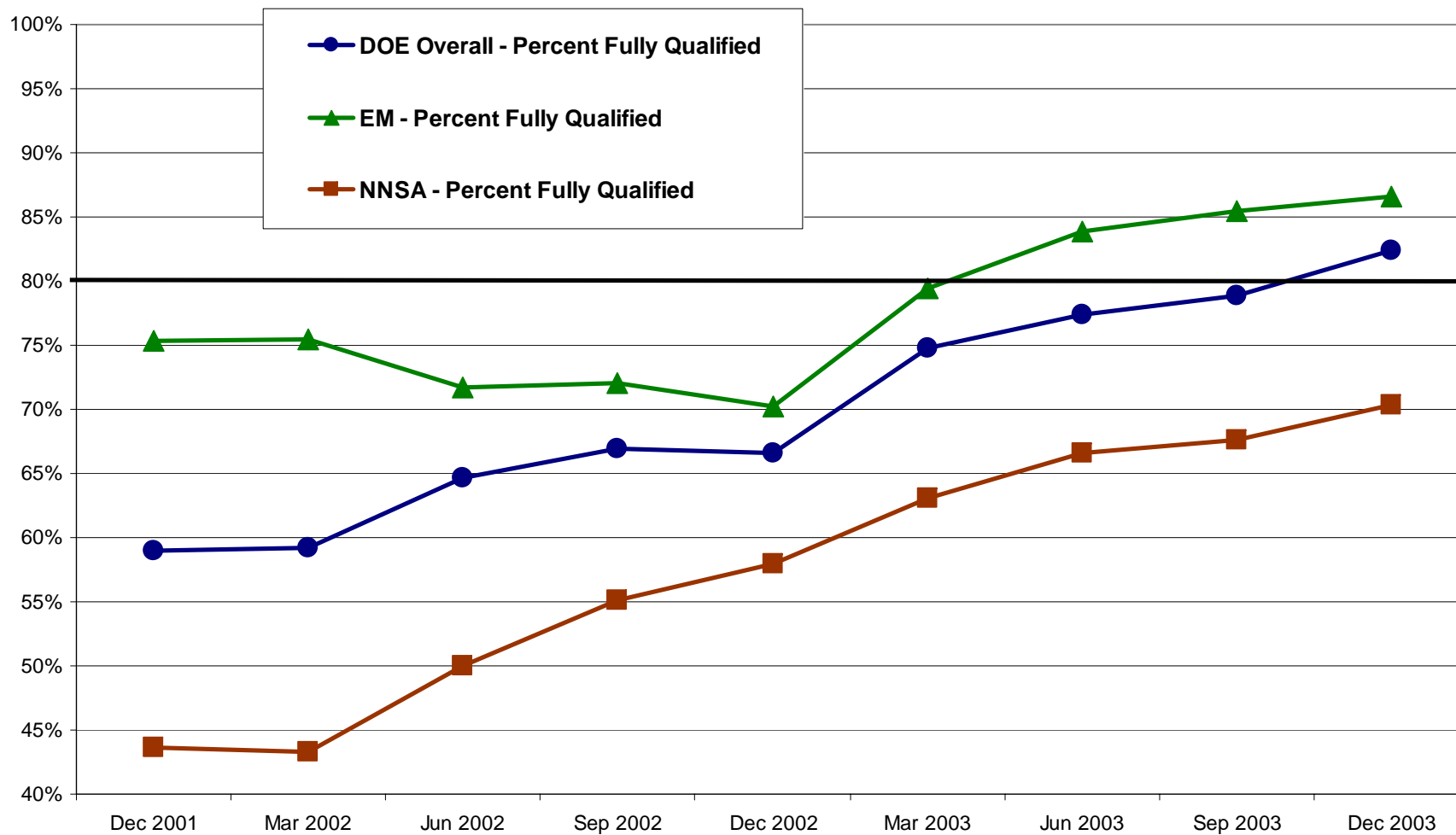
PXSO: PXSO has a gap of 1 FTE. PXSO plans to hire a Fire Protection engineer. PXSO will readvertise and interview for this position by March 2004.

SSO: SSO has a gap of 0.9 FTE. SSO plans to hire an Instrumentation and Control (I/C) engineer. SSO is in the process of finalizing the selection.

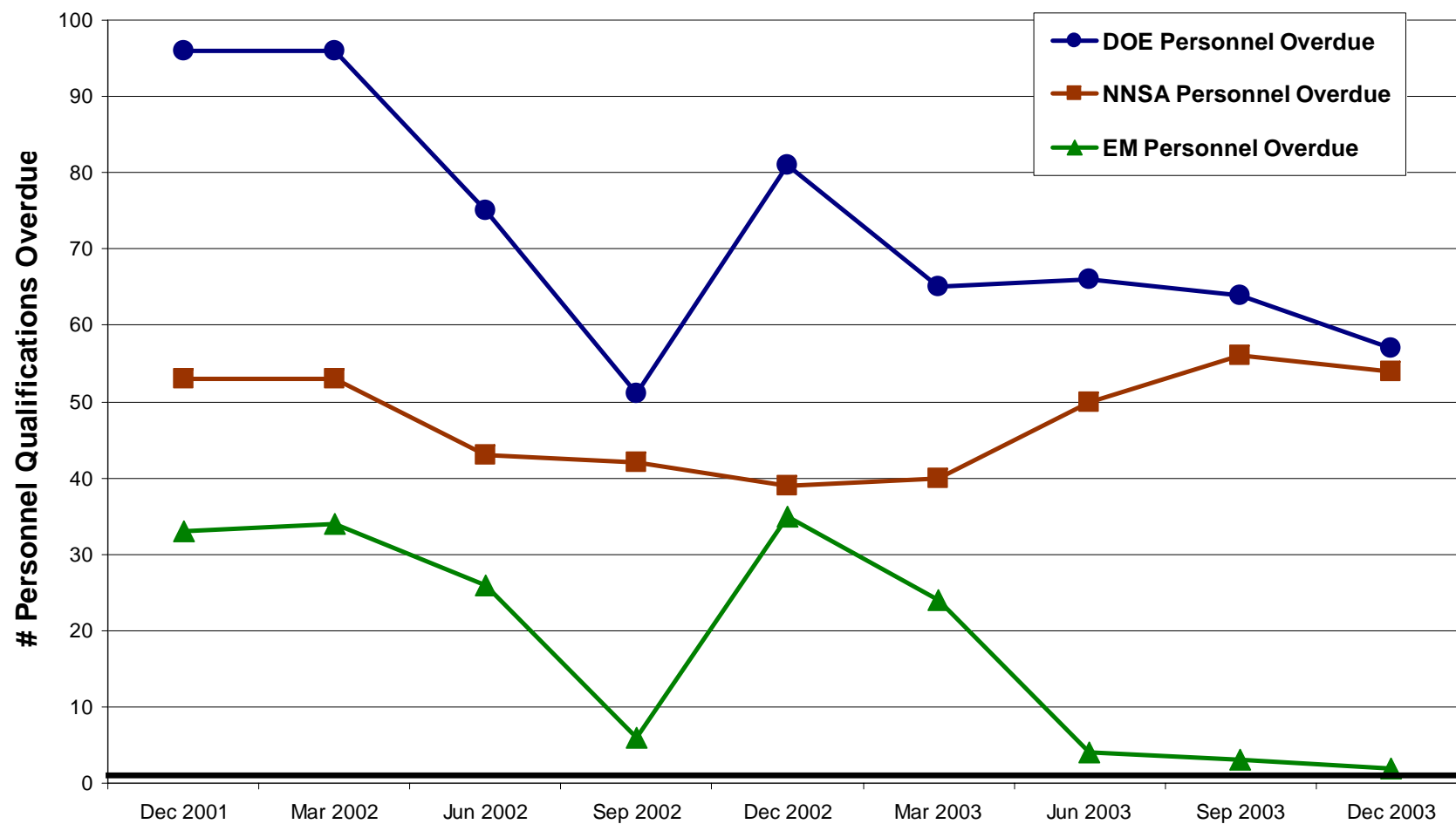
YSO: YSO has a new gap of 1 FTE in Radiation Protection. YSO has posted the position. This function is currently being filled by existing staff.



DOE Trend on Technical Qualification - December 2003



DOE Trend on Overdue Qualifications - December 2003



Current Gaps in Technical Skills - December 2003

